

DEMIRCHOGLYAN, G. G.

②

The development of the electrical reaction of the retina in ontogenesis. G. G. Demirchoglyan and V. S. Abrozoyan (*C. R. Acad. Sci. U.S.S.R.*, 1953, 80, 371-374).—The first sign of electrical activity in the rabbit eye, a slow positive wave on illumination, was found to appear on the 7th–10th day after birth. By the 18th–22nd day, the electroretinogram was not substantially different from that of the adult eye. G. S. BRINDLEY.

DEMIRCHOGLYAN, G. G.

"The Fundamental Processes in an Optical Analyzer." Dr Biol Sci, Acad
Med Sci USSR, 7 Dec 54. (VM, 25 Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

DEMIRCHOGLYAN, G. G.

DEMIRCHOGLYAN, G.G., kandidat biologicheskikh nauk.

Radioactive isotopes and their utilization in biology and medicine. Est. v shkole no.3:17-22 My-Je '54. (MIRA 7:7)

1. Akademiya nauk Armyanskoy S.S.R.
(Radioactive tracers) (Isotopes)

DEMIRCHOGLYAN, G.G.
ALEKSANYAN, A.M.; DEMIRCHOGLYAN, G.G.; ALLAKHVERDYAN, M.A.

New data on conditioned reflex changes in the visual analyzer of
man. Izv.AN Arm.SSR,Biol.i sel'khoz.nauki 7 no.9:57-67 S '54.
(MLRA 9:8)

1. Institut fiziologii AN Arm. SSR.
(CONDITIONED RESPONSE) (SIGHT)

DEMIRCHOGLYAN, G.G.; ZAKHARYAN, A.P.

Effect of electric (pain) stimulation of the skin on the functional properties of the retina. Dokl. AN Arm. SSR 18 no.4:125-128 '54. (MIRA 8:3)

1. Institut fiziologii Akademii nauk Armyanskoy SSR. Predstavleno G.Kh. Bunyatyanom. (Retina) (Receptors (Neurology))

DEMIRCHOGLYAN, G.G.
MELIK-MUS'YAN, B.N.; DEMIRCHOGLYAN, G.G.

Electroretinography in amblyopia and amaurosis. Dokl. AN Arm. SSR 19
no.3:79-81 '54. (MLRA 8:7)

1. Klinika glaznykh bolezney Yerevyanakogo meditsinskogo instituta i
Institut fiziologii Akademii nauk Armyanskoy SSR. Predstavleno G.Kh.
Bunyatyanom. (Skiascopy)

Demichoolyan, G.G.
ALEKSANYAN, A.M.; DEMIRCHOLYAN, G.G.

The slow oscillations of electrical potentials in the visual analyzer. *Izv. AN Arm. SSR, Biol. i sel'khoz. nauki* 8 no.2:67-76 F '55.
(MLRA 9:8)

1. Institut fiziologii AN Arm. SSR.
(ELECTROPHYSIOLOGY) (RETINA) (CEREBRAL CORTEX)

DEMIRCHOLYAN, Grant Gargenovich; MARKOV, N.G., redaktor; MAKHOVA, N.N.,
tekhnicheskii redaktor

[Physiology of analysors; a manual for teachers] Fiziologiya analiza-
torov; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izdat-
s'tvo Ministerstva prosveshcheniia RSFSR, 1956. 94 p. (MLA 5:711)
(SENSE ORGANS)

DEMIRCHOGLYAN, G.G., kandidat biologicheskikh nauk.

Biological effect of radioactive radiations. Est.v shkole no.1:
11-14 Ja-F '56. (MLRA 9:5)

1. Akademiya nauk Armyanskoy SSR.
(Radioactivity--Physiological effect)

MELIK-MUS'YAN, B.N.; DEMIRCHOGLYAN, G.G.

Some results and prospects in electroretinographic research. Izv.AN
Arm.SSR. Biol. i sel'khoz.nauki 9 no.8:3-12 Ag '56. (MLRA 9:10)

1. Klinika glaznykh bolezney Yerevanskogo meditsinskogo instituta,
fiziologii Akademii nauk Armyanskoy SSR.
(ELECTROPHYSIOLOGY) (RETINA)
(EYE—DISEASES AND DEFECTS)

DEMIRCHOGLYAN, G. G.

An article entitled "Light Sensitivity of Visual Analyzer Under Conditions of Cerebral Inhibition" by G. G. Demirchoglyan and M. A. Allakhverdyan of the Institute of Physiology, Academy of Sciences Armenian SSR, presents further studies on the conditioned reflex shifts of the visual analyzer of man as related to the cortical regulation of primary visual functions. Studies were made on the effect of various types of cortical inhibition on the light-sensitive function and on the course of unconditioned reflexes.

It was found that the successive action of conditioned stimulation without re-enforcement by light caused an increasingly slower decrease of light sensitivity, and, subsequently, light sensitivity even rose above the initial level established in the dark. This significant rise of light sensitivity of the rods always appeared as a result of the extinction of a formerly established conditioned reflex. Similar results were obtained against a background of extinguishing inhibition.

The authors conclude their article by saying that further research is necessary on the mechanism and the changes of photochemical processes of the retina (increased concentration of rhodopsin due to the development of extinguishing inhibition or a decreased degree of rhodopsin decomposition during illumination), but it is evident that the condition of the higher branches of the central nervous system are important for the effect of strong stimulation by light. (Doklady Akademii Nauk SSSR, Vol 109, No 1, 1956, pp 225-228) (U)

USSR / Human and Animal Physiology. The Nervous System. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41747.

Author : Demirchoglyan, G. G.; Allakhverdyan, M. A.

Inst : Not Given.

Title : On the Analysis of the Alteration of Sensitivity to Light of the Optic Analyzer of Man Under Conditions of Cortical Excitation and Inhibition.

Orig Pub: V sb.: Vopr. Vyssh nervn deyat-sti i kompensatorn. prsoboblenii (Problems of Higher Nervous Activity and Compensatory Adaptations) vyp 2 Aravan. AN Gruz SSR, 1957, 169-180.

Abstract: A conditioned reflex, lowering of sensitivity to light, was elaborated during dark adaptation after

Card 1/2

USSR / Human and Animal Physiology. The Nervous System. T

- Abs Jour: Ref Zhur-Biol., No 9, 1958, 41747.

● Abstract: 3-19 associations of light with a preceding buzzer. Upon extinction of this reflex, sensitivity to light increased. Cortical inhibition weakened the effect of light on the sensitivity of the retina. In directing the light upon one eye, conditioned reflex changes also spread to the other. It is postulated that the impulses from the CNS inhibit the function of the retina. In the various forms of cortical inhibition the retina frees itself from central influences. -- K. S. Ratner.

Card 2/2

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Demirchoglyan, G.G.

USSR/Human and Animal Physiology - The Sensory Organs.

V-9

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18651

Author : B.N. Melik-Mus'yan and G.G. Demirchoglyan

Inst : The Republic Clinical Hospital of the Arminian SSR.

Title : Various Disturbances in Visual Function and its Restoration According to the Data of Clinical Electroretinography.

Orig Pub : Sb. nauchn. tr. Resp. Klinich. bol'nitsy ArmSSR, 1957, 1, 559-567

Abstract : No abstract.

Card 1/1

USSR/Human and Animal Physiology - Sensory Organs.

T-11

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32253

Author : Demirchoglyan, G.G., Adunts, G.T., Avakyan, Ts.M.

Inst : - INSTITUT FIZIOLOGII AKADEMII NAUK ARMJANCKOY SSR.

Title : Action of Radioactive Phosphorus on the Functional Condition of the Retina of the Eye.

Orig Pub : Izv. AN ArmSSR. Biol. i s.-kh. M., 1957, 10, No 2, 3-13.

Abstract : Immersion of a preparation of an isolated frog eye in a solution of $\text{Na}_2\text{HP}^{32}\text{O}_4$ (strength not indicated) caused stronger depression of ERG than did immersion of the same in a solution of Na_2HPO_4 . Sometimes depression of ERG preceded an increase. With subcutaneous introduction of $\text{Na}_2\text{HP}^{32}\text{O}_4$, impairments of the ERG (removed also from the isolated preparation) set in only through four to ten days after the introduction. In addition, the accumulation of P^{32} was the same in the retina of an exposed and unexposed eye.

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DEMIRCHOGGLIAN G.G.

LEBEDINSKIY, A. V., GRIGOR'YEV, Y. G. and DEMIRCHOGGLIAN, G. G.

"The Biological Effect of Small Doses of Ionizing Radiation."

paper to be presented at 2nd UN Intl. Conf. on the peaceful uses of Atomic Energy, Geneva, 1 - 13 Sep 58.

SOV/89-5-5-11,15

AUTHORS: Lebedinskiy, A. V., Grigor'yev, Yu, G., Demirchoglyan, G. G.

TITLE: On the Biological Effect of Ionizing Radiation in Small Doses. I
(O biologicheskom deystvii ioniziruyushchego izlucheniya v
malykh dozakh)

PERIODICAL: Atomnaya energiya, 1958, Vol. 5, Nr 3, pp. 310-316 (USSR)

ABSTRACT: This is a summarizing account concerning the following Soviet papers: N. I. Nuzhdin, N. I. Shapiro et al.: Disturbance of the sexual cycle in female mice after a daily irradiation of 0.1 r for a period of 15 months. G. S. Strelin: With a dose of 2 r a retardation of the mitosis of the epithelium of the cornea of rats at times occurs. N. P. Smirnova (Laboratory A. V. Lebedinskiy): Irradiation of 50 r causes a phase-modification of irritability in the various centers of hypothalamic areas during stimulation by an electric current. Yu. G. Grigor'yev: The functional state of the human cerebral cortex during a therapeutical irradiation of the head and of the abdomen (electroencephalographical method). A. B. Tsypin: Recording of the biological activity of the brain of hares during irradiation with a dosage of 0,13 to 0,03 r/sec (Method developed by M. H.

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On the Biological Effect of Ionizing Radiation in Small Doses. I

SOV/89-5-3-11 15

Livanov). A. I. Danilenko, N. D. Stetsenko: Change of the frequency and amplitude of an electroencephalogram of a dog to which 0,1 to 1 mC/kg P^{32} is administered. I. K. Zyuzin: In the case of serious psychic diseases the cerebral cortex was found to become more sensitive already with respect to indicator doses of radioactive substances. Ye. S. London: The "light feeling" of the eyes as a result of the radiation of radioactive substances. Ts. M. Avakyan: The electroretinogram obtained after irradiation of the isolated eye of a frog with doses of 10 to 100 r. G. G. Demirchoglyan, G. T. Adants, Ts. M. Avakyan: The influence of P^{32} on the functional properties of the retina of the eye of a frog. A. V. Lebedinskiy, G. G. Demirchoglyan: The influence exercised by small doses of radioactive strontium preparations upon the functional state of the retina. There are 3 figures and 33 references, 22 of which are Soviet.

(Continued on abstract 12/15)

Card 2/2

AUTHORS: Lebedinskiy, A. V., Grigor'yev, Yu. G., Demirchoglyan, G. G. SOV/89-5-5-12/15

TITLE: On the Biological Effect of Ionizing Radiation in Small Doses. II
(O biologicheskoy deystvii ioniziruyushchego izlucheniya v malykh dozakh)
(Continued from abstract 11/15)

PERIODICAL: Atomnaya energiya, 1958, Vol. 5, Nr 3, pp. 316-320 (USSR)

ABSTRACT: A. V. Lebedinskiy, A. I. Peymer: The dependence of the regeneration and sensitivity of the retina on metabolic processes, especially on the carbon-water metabolism. A. V. Lebedinskiy, V. V. Yakovlev: Disturbed development of reflex-movement reactions (investigated in 300 embryos of rabbits). A. V. Lebedinskiy, Den Chzhi-chen: Decisive change of the nervous system of living beings that have been continuously fed with Sr⁹⁰ during embryogenesis. V. A. Muzheyev: The influence of radon radiation upon the functional state of nerves and muscles. A. I. Danilenko, N. D. Stetsenko: The nerve-cords undergo a modification of functional properties under the effect of irradiation if the radiation dose exceeds 17 erg/mm². N. Ye. Vvedenskiy: The shortening of the duration of nerve reflexes as a result of small doses. V. N. Strel'tsova: If 1 500 - 1 800 μ Cs¹³⁷ or

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SOV/89-5-3-12/15

On the Biological Effect of Ionizing Radiation in Small Doses.]]

Ru¹⁰⁶ is administered to rats only once, the effect causing swelling is the same as if 150 - 160 $\mu\text{C/g}$ were administered for a period of 100 days. N. A. Krayevskiy and N. N. Litvinov obtained a similar result. There are 1 figure and 11 references, 22 of which are Soviet.

Card 2/2

COUNTRY : USSR V
CATEGORY : Pharmacology and Toxicology. Narcotics and Hypnotics
ABS. JOUR. : RZhBiol., No. 1 1959, No. 4447
AUTHOR : Demirchoglyan, G. G.; Dzhanpoladyan, L. M.*
INST. : AS ArmSSR
TITLE : Contribution to the Study of the Effect of Small Doses of Cognac upon Certain Functions of the Organism
ORIG. PUB. : Aykakan SSR Gitutyunneri Akademiai tegekagir. Biologiakan ev gyukhatntesakan gitutynner,**
ABSTRACT : In healthy tested persons cognac alcohol (CA) caused a drop in photosensitivity of the eye (PE) adapted to darkness and an increase in the rate of the cardiac rhythm. The disturbances in the cardiac activity were less prolonged as compared with changes of PE. The same doses of CA
*Allakhverdyan, M. A.
**Izv. AN ArmSSR. Biol. 1 s.-kh. n., 1958, 11, No 2, 93-98
CARD: 1/2

DEMIRCHOGLYAN, G.G.

Primary processes in the visual analyzer. Probl.fiziol,opt. 12:89-99
'58 (MIRA 11:6)

1. Institut fiziologii Akademii nauk Arm. SSR.
(OPTICS, PHYSIOLOGICAL)

DEMIRCHOSLYAN, G. G. (DR.)-Prof.

The preliminary program of the Electroretinography (ERG) Conference to be held at Moscow, near Zveno, on 24 - 26 September 1979 with international participation is as follows:

2. Prof. Dr. G. G. ~~Demirchoshlyan~~ ^{DEMIRCHOSLYAN} (Yerevan, USSR): Mechanics of ERG Registration.
3. Dr. V. Oth (Munster, Western Germany): Forms and Conditions of the Leads of Intra-retinal Potentials.
4. Dr. L. V. Eshous (Tbilisi, USSR): Basic Mechanical Faults in Present Clinical Electroretinography and the Way to their Elimination.
2. Dr. M. Semenovskaya (Moscow, USSR): Central Regulation of Electroretinography.
4. Dr. I. M. Avakyan (Yerevan, USSR): On the Problem of Electroretinography in X-rays.
8. Dr. L. V. Eshous (Tbilisi, USSR): Functional Limits of the Leads in X-rays.
11. Dr. M. A. Allahverdyan (Yerevan, USSR): Changes of the ERG Wave in Man.
5. Dr. B. I. Malik-Muraym ^{Dr. B. I. MALIK-MURAYM} (Yerevan, USSR): ERG in Glaucoma.
3. Dr. E. E. Nemes (Rotterdam, Netherlands): ERG in Chorioideritis.
4. Dr. M. Semenovskaya (Moscow, USSR): Electroretinography and Esophagealography at the Ophthalmologic Clinic.
6. Prof. Dr. G. G. ~~Demirchoshlyan~~ ^{DEMIRCHOSLYAN} (Yerevan, USSR): ERG in Patients of the Retina.
2. Dr. P. O. Akhmedov (Leningrad, USSR): Adaptometry of the Sight Analyzer in Healthy and Ill Men.
7. Dr. M. Avakyan (Yerevan, USSR): Atrofia Nervi Optici in ERG.

DEMIRCHOGLYAN, Grant Gurgenovitch; MARKOV, N.G., red.; MAKHOVA, N.N.,
tekh.red.

[Radioisotopes and radiation in biology] Radioizotopy i izlu-
chenia v biologii. Moskva, Gos.uchebno-pedagog.izd-vo M-va
prosv.RSFSR, 1959. 59 p. (MIRA 13:4)
(RADIOBIOLOGY)

Demire Hoblyan, G.B.

21(4); 17(0)

PHASE I BOOK EXPLOITATION

SOV/2808

International Conference on the Peaceful Uses of Atomic Energy. 2d, Geneva, 1958

Doklady sovetskikh uchenykh; radiobiologiya i radiatsionnaya meditsina
(Reports of Soviet Scientists; Radiobiology and Radiation Medicine)
Moscow, Izd-vo Glav. upr. po ispol'zovaniyu atomnoy energii pri
Sovete Ministrov SSSR, 1959. 429 p. 8,000 copies printed. (Series:
Vtoraya Mezhdunarodnaya konferentsiya po mirnomu ispol'zovaniyu atomnoy energii.
Trudy, tom 5)

General Ed.: A.V. Lebedinskiy, Corresponding Member, USSR Academy of Medical
Sciences; Ed.: Z.S. Shirokova; Tech. Ed.: Ye.I. Mazel'.

PURPOSE: This book is intended for physicians, scientists, and engineers
as well as for professors and students at vtuzes where radiobiology and
radiation medicine are taught.

COVERAGE: This is Volume 5 of a 6-volume set of reports delivered by Soviet
scientists at the Second International Conference on the Peaceful Uses of
Atomic Energy, held on September 1-13, 1958, in Geneva. Volume 5 contains

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Reports of Soviet Scientists (Cont.)

SOV/2808

32 reports edited by Candidates of Medical Sciences S.V. Levinskiy and V.V. Sedov. The reports cover problems of the biological effects of ionizing radiation, future consequences of radiation in small doses, genetic effects of radiation, treatment of radiation sickness, uses of radioactive isotopes in medical and biological research, uses of atomic energy for diagnostic and therapeutic purposes, soil absorption of uranium fission products, their intake by plants, and their storage in plants and foodstuffs. References accompany each report.

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Reports of Soviet Scientists (Cont.)

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Reports of Soviet Scientists (Cont.)

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Reports of Soviet Scientists (Cont.)

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- Amiragova, M.G. Control Mechanism of the Thyroid Gland Functions by the Cerebral Cortex (Report No. 2202) 238
- Kolli, Ye.A. Effect of Various Factors on the Biosynthesis of Thyroxin Produced by the Thyroid Gland (Report No. 2075) 251
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- Fedorov, N.A. Relative Characteristic Fate of the Three Phenathiazine Compounds:
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Reports of Soviet Scientists (Cont.)

SOV/2808

- S^{35} - Aminazine (Chlorpromazine), S^{35} - Promazine, and S^{35} - Chlormepazine (Chlorpakatala) in the Organism (Report No. 2076) 281
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- Klechkovskiy, V.M., L.N. Sokolova, and G.N. Tselishcheva. Sorption of Microquantities of Strontium and Cesium in Soils (Report No. 2310) 346

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Reports of Soviet Scientists (Cont.)

SOV/2808

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AVAILABLE: Library of Congress (QC770.I53)

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TM/jb
1-5-60

DEMIRCHOGLYAN, G.G.

International symposium on electroretinography in Czechoslovakia.
Biofizika 5/ no.3:382-384 '60. (MIRA 13:7)
(ELECTRORETINOGRAPHY--CONGRESSES)

DEMIROCHOGLYAN, G.G.

Symposium on electroretinography in Czechoslovakia. Izv. AN
Arm.SSr.Biol.nauki 13 no.1:103-106 Ja '60. (MIRA 13:7)
(ELECTRORETINOGRAPHY--CONGRESSES)

DEMIRCHOGLYAN, G.G.

Mechanism of the origin of the electroretinogram. Biofizika 6
no. 2:249-252 '61. (MIRA 14:4)

1. Institut fiziologii AN Armyanskoy SSR, Yerevan.
(ELECTRORETINOGRAPHY)

DEMIRCHOGLYAN, G.G.

Role of retroactive connections in the action of analysors. Biofizika
6 no.4:499-502 '61. (MIRA 14:7)

1. Institut fiziologii imeni akademika L.A.Orbeli AN Armyanskoy
SSR, Yerevan.

(SENSES AND SENSATION)

DEMIRCHOGLYAN, G.G.; MASLOV, N.M.

Measurement of retinal impedance. Izv. AN Arm. SSR. Biol. nauki 14
no.8:81-83 Ag '61. (MIRA 14:9)

1. Institut fiziologii AN Armyanskoy SSR i Institut biofiziki
AN SSSR.

(RETINA)

(ELECTROPHYSIOLOGY)

27.1220

39563

S/205/62/002/003/009/015
1015/1215

AUTHOR: Demirchoglyan, G. G., Allakhverdyan, M. A., Melik-Mus'yan, A. B., Ogandzhanyan, V. G., Pogosyan, R. I., Lalayan, A. A., Vasilyan, V. V.

TITLE: The effect of ionizing radiation on the retina and some light-sensitive systems

PERIODICAL: Radiobiologiya, v. 2, no. 3, 1962, 442-449

TEXT: Unlike in other studies, the effect of small radiation doses (10-50r, 125-900r) was here investigated in both acute and chronic experiments (during 1¹/₂ years). Electroretinography (ERG) was performed with contact-lens-electrodes; intraretinal potentials were recorded with microelectrodes; SH-groups in the retina were determined amperometrically; the absorption spectra of rhodopsin extracted from the retina were established and both morphological and histochemical analyses were carried out. The radiosensitivity of light-sensitive organs in worms, of the compound-eye in insects, and of eyes in vertebrates, were compared. Chronic irradiation with small doses brought about an abnormal functional condition of the retina, and this effect had cumulative characteristics. The light-sensitive (chromatophore reaction) system in the skin of the frog turned out to be non-radiosensitive within the limits of 50-5000r. The studies of O. D. Hug on the direct effect of radiostimulation on tissues are mentioned. The role of SH-groups, included in the proteins of rhodopsin, for the light-sensitivity of the retina is discussed. There are 5 figures.

X

Card 1/2

- The effect of ionizing radiation...

S/205/62/002/003/009/015
1015/1215

ASSOCIATION: Institut fiziologii im. akad. L. A. Orbeli AN ArmSSR Yerevan (Institute of Physiology
im. Academician L. A. Orbeli, AS ArSSR) Yerevan

SUBMITTED: September 13, 1960

X

Card 1/2

ZIKEL', V.; DEMIRCHOGLYAN, G.G.

Significance of sulfhydryl groups in originating electrical
reaction in the isolated retina of animals and man. Biofizika
7 no.2:225-226'62. (MIRA 16:8)

1. Fiziologicheskiy institut universiteta imeni K.Marksa,
Leyptsig i Institut fiziologii imeni akademika L.A.Orbeli
AN Armyanskoy SSR, Yerevan.
(ELECTRORETINOGRAPHY) (MERCAPTO GROUP)

DEMIRCHOGLYAN, G.G.; BLAVATSKAYA, Ye.D.; ALLAKHVERDYAN, M.A.;
~~MIRZA-AVAKYAN, I.I.~~

Possibility of the registration and preservation of the
retinal bioelectric reaction in an enucleated human eye.
Biofizika 7 no.6:719-724 '62. (MIRA 17:1)

1. Sektor radiobiologii AN ArmSSR i Yerevanskiy gosudarstvennyy
meditsinskiy institut.

DEMIRCHGLYAN, G.G., doktor biolog.nauk

Response to ionizing radiation. Priroda 51 no.5:111-112 My '62.
(MIRA 15:5)

1. Institut fiziologii im. akademika L.Orbeli AN Armyanskoy SSR,
Yerevan.

(RADIATION--PHYSIOLOGICAL EFFECT)

DEMIRCHDGLYAN, G.G.

"The local flicker-electroretinography."

Report to be submitted for the Second meeting for the International
Society for Electroretinography, Rotterdam, Netherlands, 12-14 Sept 63

DEMIRCHOGLYAN, G.G.; BLAVATSKAYA, Ye.D.; MIRZA-AVAKYAN, I.I.;
GEVORKYAN, S.G.

Study of the effect of cysteine on some visual functions
after pigmental degeneration of the retina. Izv. AN Arm.
SSR. Biol. nauki 16 no.12:19-30 D '63. (MIRA 17:2)

1. Klinika glaznykh bolezney Yerevanskogo instituta us-
vershenstvovaniya vrachey, otdel biofiziki i bioniki AN
Armyanskoy SSR.

DEMIRCHOGLYAN, Grant Gurgenovich; SHEVELEV, I.A., red.

[Physiology and pathology of the retina; primary mechanisms of vision] Fiziologiya i patologiya setchatki glaza; pervichnye mekhanizmy zreniya. Moskva, Meditsina, 1964. 142 p. (MIRA 17:10)

DEMIRCHOGLYAN, G.G., prof.

Physiological Institute of the K. Marx University in Leipzig
(German Democratic Republic). Izv. AN Arm. SSR. Biol. nauki 17
no.2:101-104 F '64. (MIRA 17:8)

DEMIRCHOGIYAN, G.G., prof.

Second symposium on problems of electroretinography in Erivan.
Izv. AN Arm. SSR. Biol. nauki 18 no.4:90-92 Ap '65.

(MIRA 18:5)

1. Predsedatel' Organizatsionnogo komiteta II Simpoziuma po
probleman elektoretinografii v Yerevane.

DEMIRCHOGLYAN, G.G.

Second symposium on problems of electroretinography in Erevan.
Biofizika 10 no.3:557 '65. (MIRA 18:11)

ACC NR: AT6036549

SOURCE CODE: UR/0000/66/000/000/0149/0150

AUTHOR: Demirchoglyan, G. G.

ORG: none

TITLE: New data on the mechanism of effect of ionizing radiation on the functional state of the retina [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24 to 27 May 1966]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 149-150

TOPIC TAGS: cosmic radiation biologic effect, space medicine, vision, rhodopsin, retina, electroretinogram

ABSTRACT: Determination of the effects of radiation on human visual functions is of paramount importance for manned spaceflight. The radiation effect on the retina is characterized by direct stimulation of photoreceptors, with accompanying development of bioelectrical reactions. Even the smallest radiation doses substantially affect retinal photosensitivity and other visual functions.

Experimenta were conducted to determine the effect of ionizing radiation on various aspects of retinal activity, especially the causes of its high radiosensitivity. Retinal activity under these conditions was compared with optic-nerve activity, and the radiosensitivity of the visual photopig-

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ACC NR: AT6036549

ments was studied. Spectrophotometry of rhodopsin (visual purple) demonstrated the possibility of change in its content without change in its molecular structure, especially during irradiation of the pigment in the retina. Study of the content of sulfhydryl groups in rhodopsin solutions (extracted from frog retinas) by the method of amperometric titration showed a decrease in sulfhydryl content without a corresponding change in the process of liberation of SH groups from rhodopsin molecules. Irradiation of rabbit retinas caused definite morphological and histochemical changes, indicating the disruption of some metabolic processes; at the same time, functional shifts were observed in electroretinograms.

In spite of the occurrence of changes, the irradiated visual system retained its capacity to perceive and process visual information. This ability is clearly shown by the retention of impulsion in the optic nerve of frogs after intense irradiation of the visual system. These data agree with recent American studies, which also demonstrated the high radioresistance of the optic nerve. Future studies by this research team will be concerned with the minute changes occurring in the retina at the moment of irradiation. In order to conduct these studies, a method of remote registration of ERG's for use in radiation conditions has been developed. [W.A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

Card 2/2

BEKCHEGLYAN, I. G., SHUKURYAN, S. S., PARAJANYAN, P. A., DOKT., TADYAN, S. A.
and KYARDARYAN, R. A.

"Changes in the Blood and Blood-Forming Organs, and Some Biochemical Indices in the Experimental Duplication of Radiation Sickness." a report presented at the Transcaucasian Radiological Conference, Tbilisi, 29-31 Oct 55.

Sum. No. 1047, 31 Aug 56

USSR/General Problems of Pathology - Tumors. Experimental Therapy. U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4204

Author : Demirchoglyan, I.G.

Inst : -

Title : A Study of the Action of a New Preparation of the Group of Chloroethylamines (Preparation No 12) in Experimental Leukoses.

Orig Pub : V sb.: Vopr. rentgenol. i onkol. T. 2. Yerevan, 1957, 333-339

Abstract : Preparation No 12 (I) was administered intra-abdominally to mice of the afb line with inoculated leukosis upon the 7-8th day following the inoculation (when the tumor reached the size of a pea) for a duration of 8 days in a dose of 0.2 mg/kg. I was also administered to mice with spontaneous leukosis following the same method. Of 25 mice of the 1st group, 3 perished on the 25th day, and at this time the tumor either decreased or recessed in

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USSR/General Problems of Pathology - Tumors. Experimental Therapy. U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4204

the remainder. During the same time, in the controls 4 out of 9 mice died, the tumors increased to the size of a chestnut in 3 and resolved in 2. Some shrinking of the dimensions of the tumors, and an increase in the average life duration was also noted in mice with spontaneous leukemia under the effect of I. -- O.V. Zubova

Card 2/2

USSR/General Problems of Pathology - Tumors. Experimental Therapy. U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4205

Author : Demirehogyan, I.G.

Inst : -

Title : Experimental Study of Preparation No 12 of the Group of
Chlorethylamines

Orig Pub : V sb.: Vopr. rentgenol. i onkol. T. 2. Yerevan, 1957,
341-356

Abstract : The action of the preparation No 12 (I) upon hemopoiesis, motor action of the stomach and cardiac activity was studied. Experiments on the effect of I upon hemopoiesis were carried out on rabbits; I was injected into the auricular vein for a period of 8 days in doses of 0.1-0.2 or 0.5 mg/kg in 24 hours. Leukopenia and aplasia of the blood-forming organs develops in rabbits. With either dose the leukopenia was more remarkable when the number of leukocytes in the peripheral blood was greater before

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- 33 -

USSR/General Problems of Pathology - Tumors. Experimental Therapy. U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4195

Author : Papoyan, S.A., Movsesyan, M.A., Demirchoglyan, I.G.

Inst : -

Title : On the Problem of the Mechanism of the Action of Embichine

Orig Pub : V sb.: Vopr. rentgenol. i onkol. T. 2. Yerevan, 1957,
367-371

Abstract : The effect of embichine No 4 (E) upon the bone-marrow blood formation of the posterior extremities of a rabbit was studied following preliminary section of the lower segments of the spinal cord. It was demonstrated that the depression of blood formation was significantly weaker in the experiment than in the control. E was injected into the otic vein in a single dose of 0.5 mg/kg (for dogs) and 0.25 mg/kg (for rabbits). The number of leukocytes in the peripheral blood increased sharply within 5 minutes and 1 hour following the injection of E;

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USSR/General Problems of Pathology - Tumors. Experimental Therapy. U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4195

it decreases within a few hours, and at the end of the day it was smaller than 24 hours before. Following a few daily injections a conditioned reflex developed in the experimental animals - the number of leukocytes decreased in the same order with injections of physiological solution. On the basis of this, the authors concluded that an important role is played by neuroreflex factors in the mechanism of the action of E. -- O.V. Zubova

Card 2/2

PAPOYAN, S.A.; ALLAVERDYAN, S.N.; DEMIRGHOLYAN, I.G.; YERZINKYAN, I.A.

Use of fibrin films in the treatment of skin lesions from irradiation
[with summary in English], Med.rad. 2 no.6:61-65 N-D '57. (MIRA 11:2)

1. Iz Nauchno-issledovatel'skogo instituta rentgenologii, radiologii
i onkologii Ministerstva zdravookhraneniya Armysanskoy SSR i Nauchno-
issledovatel'skogo instituta perelivaniya krovi Ministerstva zdravo-
okhraneniya Armysanskoy SSR.

(ROENTGEN RAYS, eff.

exper. skin lesions in rabbits, eff. of fibrin
membranes on healing)

(SKIN, eff. of radiations on
x-ray induced lesions in rabbits, eff. of fibrin
membranes on healing)

(HEMOSTATICS, eff.

fibrin membranes, on healing of x-ray induced skin
lesion sin rabbits)

DITROW, G. W. H., I.C., Cond. Med. Sci.---(212) "Testing the effect of a
derivative, phlorobiglyamine (preparation ^{No} 112) ^{4b} on the con-
tractility of the guinea pig heart and the possibility of its use in the treatment of hypertension.
" Vancouver, 1958. 16 pp (Min of Health Canada, Div. Inst of Biotech-
nology and Industry), 200 copies (M, 21-58, 107)

112

PAPOYAN, S.A., starshiy nauchnyy sotrudnik; DEMIRCHOGLYAN, I.G.,
kard.med.nauk; SHUKURYAN, S.G., mladshiy nauchnyy sotrudnik

State of proteinases in threatment with fluorometasarclysine.
Vop.rent.i onk. 6:175-178 '61. (MIRA 16:2)
(PROTEINASE) (SARCOLYSINE)

PAPOYAN, S.A., starshiy nauchnyy sotrudnik; SHUKURYAN, S.G., mladshiy
nauchnyy sotrudnik; DEMIRCHOGLYAN, I.G., kand.med.nauk

Effect of fluorine derivatives of alylamines on some biochemical
blood indices. Vop.rent.i onk. 6:187-192 '61. (MIRA 1682)
(BLOOD—ANALYSIS AND CHEMISTRY) (CYTOTOXIC DRUGS)

DEMIRCHOGLYAN, I. D. Cand Biol Sci -- (diss) "Test of the effect of ~~derivative~~
~~chloroethylamine~~ (preparation ^{No} # 12) upon the organism of laboratory animals,
and the possibility of ^{its administration} ~~their application~~ in cases of leukemia and lympho-
granulomatosis." ^eYrevan, 1957. 12 pp (Min of Health Armenian SSR. Inst of
_λRoentgenology and Oncology), 150 copies (KL, 6-58, 100)

OGANESYAN, A.S.; DEMIRCHYAN, A.A.

Glucose transport regulation in a brain cell. Dokl. AN Arm.
SSR 40 no.5:285-288 '65. (MIRA 18:7)

1. Institut biokhimi AN ArmSSR. Submitted January 29, 1965.

OGANESYAN, A.S.; DEMIRCHYAN, A.A.; KAZAROVA, Ye.K.

Interrelationship between insulin and strophantin in the process
of glucose transport. Izv. AN Arm. SSR. Biol. nauki 18 no.4:3-8
Ap '65. (MIRA 18:5)

1. Institut biokhimi AN Armyanskoy SSR.

OGANESYAN, A.S.; DEMIRCHYAN, A.A.

Effect of insulin on the reabsorption of glucose and sodium in
the kidneys. Vop. biokhim. 3:147-158 '63. (MIRA 17:12)

1. Institute of Biochemistry, Academy of Sciences of the Armenian
S.S.R., Erevan.

AUTHOR: Demirchyan, G.G. (Engineer) SOV/110-58-10-11/24

TITLE: Electro-magnetic processes in magnetized current transformers.
(Elektromagnitnyye protsessy v podmagnichivayemykh transformatorakh toka)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, No. 10. pp. 37-41 (USSR)

ABSTRACT: Three-phase amplidynes with parallel load are often used in current-control circuits, particularly for field control of small alternators. This article analyses the electro-magnetic processes in an amplidyne and current transformer built as a single element and magnetized. The object of the work was to investigate the operating conditions of current transformers with various degrees of magnetization; to study the laws of variation of magnetic flux, current and voltage under different conditions; and to determine the relationship between the mean secondary current and the magnetization current with constant primary current. The assumptions made in the theoretical investigations are explained. Either of the amplidynes may be saturated or unsaturated, but it is shown that with magnetization, all three phases of the device cannot be unsaturated simultaneously. The condition is then considered in which one phase is saturated and the other two are not. Flux-linkage equations have to be formulated in order to determine the current. This is done and an equation for the current is given. Curves of primary and secondary current, flux-

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SOV/110-58-10-11/24

Electro-magnetic processes in magnetized current transformers.

linkage and secondary voltage for a particular case are given in Fig.2. Corresponding experimental curves of secondary current and voltage appear in Fig.3. Calculated current values for this condition in which one phase is saturated are given in Table.1. The case is then considered in which two phases are saturated and one is not. Again current equations are derived and the lower limit of magnetization at which this condition obtains is determined. Wave-shapes of the primary and the secondary current, voltage and flux-linkage are calculated and given in Fig.4. The corresponding secondary current and voltage curves, determined experimentally, are drawn in Fig.3. Calculated data for this condition with two phases saturated are recorded in Table.2. Next, the case is considered in which all three phases are saturated. The secondary currents and voltages are always zero. Various combinations of the previously considered conditions are then treated and calculated graphs of wave-shape and tables of calculated data are given as before. The relationship between the mean relative current and the degree of magnetization with primary d.c. is plotted in Fig.7. Tests were made to verify the calculated results. The construction of the equipment is described. The experimental results are also plotted in Fig. 7. There is some difference between practice and theory for high values of

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SOV/110-58-10-11/24
Electro-magnetic processes in sub-magnetised current transformers.

magnetisation. This is because of the properties of the magnetic circuit of the equipment tests and because of the assumptions made for the purposes of the calculations. Otherwise agreement is excellent. There are 7 figures, 4 tables and 2 literature references (1 German and 1 English)

SUBMITTED: March 21, 1957

1. Transformers--Magnetic factors
2. Transformers--Performance
3. Electric currents--Control systems
4. Amplidynes--Magnetic factors
5. Mathematics

Card 3/3

DEMIRCHYAN, G.G.

The MS-52-4 synchronous generator. Biul.tekh.-ekon.inform.
no.1:34-35 '59. (MIRA 12:2)
(Electric generators)

DEMIRCHYAN, G.G., inzh.

Method for calculation of phase compounding circuits with
a corrector. Vest.elektrom. 31 no.2:67-73 F '60.
(MIRA 13:6)

(Electric motors, Synchronous)

DEMIRCHYAN, K. S.: Master Tech Sci (diss) -- "Method of increasing the precision of modeling in an electrolytic bath". Leningrad, 1959. 12 pp (Min Higher Educ USSR, Leningrad Polytech Inst im M. I. Kalinin), 150 copies (KL, No 16, 1959, 108)

GOL'DIN, Oskar Yefimovich; DEMIRCHYAN, K.S., red.; KUZNETSOV, I.P.,
red.; ZHITNIKOVA, O.S., tekhn.red.

[Problem manual for the course "Theoretical Principles of
Electrical Engineering."] Zadachnik po kursu teoreticheskikh
osnov elektrotekhniki. Moskva, Gos.energ.isd-vo, 1960. 271 p.
(MIRA 13:11)

(Electric engineering--Problems, exercises, etc.)

NEYMAN, L.R., prof.; DEMIRCHYAN, K.S., kand.tekhn.nauk

Why the charge of partial capacitances does not correspond
to the resultant field flux. Elektrichestvo no.6:1-6
Je '60. (MIRA 13:7)

1. Leningradskiy politekhnicheskij institut im. Kalinina.
2. Chlen-korrespondent AN SSSR (for Neyman).
(Electric fields)
(Electromechanical analogies)

NEYMAN, Leonid Robertovich; DEMIRCHYAN, Kamo Saropovich; POLIVANOV, K.M.,
prof., retsenzent; FRADKIN, B.M., dots., retsenzent; KUPALYAN,
S.D., dots., retsenzent; PERKOVSKAYA, G.Ye., red.; MURASHOVA,
V.A., tekhn. red.

[Laboratory manual on electromagnetic fields] Rukovodstvo k la-
boratorii elektromagnitnogo polia. Moskva, Gos. izd-vo "Vysshaya
shkola," 1961. 219 p. (MIRA 15:4)

(Electric engineering--Handbooks, manuals, etc.)
(Electric fields) (Magnetic fields)

ZAYTSEV, I.A., kand.tekhn.nauk; DEMIRCHYAN, K.S., kand.tekhn.nauk

Determination of the initial conditions for sudden jumps of
currents and voltages. Elektrichestvo no.7:52-55 J1 '61.
(MIRA 14:9)

1. Leningradskiy politekhnicheskij institut imeni Kalinina.
(Electric networks)

DEMIRCHYAN, K.S., kand. tekhn. nauk; PRUSS-MHURCYSKIY, V.V., inzh.

Study of electromotive forces induced in electric machinery by means of simulation in an electrolytic tank. Elektricheskoye no. 162-66 Ag '61. (EIA 1440)

1. Izobrazh. Mashin. Elektromekhanicheskii Institut im. Kolshinskogo.
(Electric machinery)
(Electrolytic tanks)

S/271/63/000/003/026/049
A060/A126

AUTHOR: Demirchyan, K.S.

TITLE: Another method of simulating a rotational magnetic field

PERIODICAL: Referativnyy zhurnal, Avtomatika, telemekhanika i vychislitel'naya tekhnika, no. 3, 1963, 7, abstract 3B38 (Dokl. 4-y Mezhvuz. konferentsii po primeneniyu fiz. i matem. modelirovaniya v razlichn. otraslyakh tekhn. Sb. I, Moscow, 1962, 155 - 163)

TEXT: It is noted that the problems of simulating a non-rotational and a rotational magnetic field is solved by the introduction of the notions of scalar and vector potentials of a magnetic field, respectively. Here a distinction is made between the cases of simulating a collimated and a meridian-plane field. The application of a scalar magnetic potential to simulation has the advantage that the conditions of simulation for collimated and meridian-plane field are almost the same and do not require the construction of special simulators. Consequently it is expedient to simulate the field of the scalar potential also in the case of a rotational zone. The possibility of simulating a rotational mag-

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Another method of simulating a rotational

S/271/63/000/003/026/049
A060/A126

netic field by a scalar magnetic potential is contained in the method of simulating the magnetic field of, for example, a two-conductor transmission line. It is assumed that the radius of the conductors is infinitely small and the surface effect is sufficiently sharp. The proposed method of simulating rotational magnetic fields using a scalar magnetic potential reduces to the construction of a dual simulator. There are 2 figures and 4 references.

A. S.

[Abstracter's note: Complete translation]

Card 2/2

DEMIREV, A.

TECHNOLOGY

Periodical: SOFTSHIK. Vol. 2, no. 2, 1952/53 (PUBLISHED 1957).

DEMIREV, A. Methods for laboratory investigation of serirocks in the geologic-engineering work; according to data of the chalky Flysch in Bulgaria. In Russian. p. 1.

Monthly List of East European Accession (EEAI), 1959, Vol. 8, no. 2,
February 1959, Unclass.

DEMIREV, ANASTAS.

Rukovodstvo za uprazhenia po inženerna geologia. Sofia, Nauka i izkustvo, 1956.
319. p. BU IGARIA

Monthly List of East European Accessions (EEAI), IC, Vol. 8, no. 11, Nov. 1959
Uncl.

DEMIREV, A.

Notes on the formation of suffision karst in the alluvial gravel terraces in the southern parts of the Sofia valley. p. 189

Bulgarska akademiia na naukite. Geologicheski institut. IZVESTIIA. Sofia, Bulgaria., Vol. 7, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 6, No. 12,
December 1959
Uncl.

DEMIREV, A.; STOIANOV, S.

Young magmatites in the Botevgrad region. Izv Geol Inst
BAN 11: 163-177 '62.

DEMIREV, A.; DIMOV, G.; ILIEVA, L.

← Role of certain geologic petrographic factors in the formation of the physicommechanical properties of marl in the basin of the rivers Rositsa and Vidima. Izv Geol inst BAN 10:235-265 '62.

DEMIREV, IV.

Series Connection of Condensers. RADIO (Radio) #9:18:Sep 54

DEMIREV, I.

Diode detector. p. 35

Vol. 4, no. 7/8 1955

RADIO

Sofiya, Bulgaria

So: Eastern European Accession Vol. 5, no. 4 , 1956

DEMIREV, I.

Electron-beam tube in operation. p. 44

RADIO. Vol. 5, no. 1, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

DEMIREV, I.

Electronic voltage regulator. p. 25.

RADIO. Vol. 5, no. 2, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

DEMIREV, I.

DEMIREV, I. Amplifiers with ground grid. p. 24. Vol. 5, no. 11, 1956
ELEKTROENERGIJA. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957

DEMIREV, I.

Characteristics and operation of gas rectifier tubes. p.25.
(RADIO I TELEVIIZIIA, Vol. 6, no. 3, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957, Uncl.

DEMIREV, I.

P-filter in the last stage of the transmitter. p.26.
(RADIO I TELEVIZIIA, Vol. 6, no. 4, 1957, Sofia, Bulgaria.)

SO: Monthly List of East Europeans Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl

DEMIREV, I.

Detector stage in television receivers. p.49.
(RADIO I TELEVIZIIA, Vol. 6, no. 7, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

DEMIREV, Iv., inzh

← Coordinating attenuators. Radio i televiziia 10 no.11/12:
354-355 '61.

Oncology

BULGARIA

KEMILEVA, Z., GURDEVSKI, M., and DEMIREVA, K., Chairs of Pathological Physiology (Head Docent Z. Kemileva) and Pathological Anatomy (Head Docent K. P. Popov), Advanced Medical Institute, Varna

"Effect of the Thymus on the Development of a Transplanted Tumor"

Sofia, Eksperimentalna Meditsina i Morfologiya, Vol 5, No 2, pp 82-85

Abstract: The effect of the thymus on the development of a transplanted Yoshida tumor in rats was studied. Increased thymus activity that was produced by thymus transplantation accelerated tumor growth. Figures, table, 10 references (9 Western, 1 Japanese). Manuscript received Feb 66. Russian and English summaries.

TASHEV, Tasho A., prof.; DEMIREVA, M.

Vitamins in the food of the population of the Burgas District. Izv Inst khranene 2:5-12 '63.

1. Chl.-kor. na Bulgarskata akademiia na naukite, chlen na Redaktsionnata kolegiia i otgovoren redaktor, "Izvestiia na Instituta po kranene" (for Tashev).

DEMIREVA, N.

Nutrition of the population in the District of Pleven.
Izv Inst khranene 2:13-46 '63.

1. Chlen na Redaktsionnata kolegia, "Izvestiia na Instituta
po khranene".

DOINOV, M.; PIPERKOVA, Sl., d-r.; DEMIREVA, K.

Sufficiency of vitamins A in some settlements of the District of Pleven. Izv Inst khranene 2:47-60 '63.

1. Ot Katedrata po ochni bolesti pri VMI rukovoditel dots. E. Zhivkov (for Piperkova).
2. Chlen na Redaktsionnata kolegija, "Izvestia na Instituta po kranene" (for Demireva).

L 34486-66 JAJ(A)

ACC NR: AP6026283

SOURCE CODE: BU/0001/65/000/004/0080/0086

AUTHOR: Demireva, M.; Krustev, L.

13
B

ORG: none

TITLE: Second National Conference on Nutrition

SOURCE: Bulgarska akademiya na naukite. Spisanie, no. 4, 1965, 80-86

TOPIC TAGS: biologic conference, nutriology

ABSTRACT: The Second National Conference on Nutrition, organized by the Institute of Nutrition, Bulgarian Academy of Sciences, was held on 7 and 8 October 1965. The conference opened with a report of Corr. Member of the Academy Tashev, T. on the activities of the Institute during the past five years of its existence. This was followed by the presentation of 67 papers, and the present article gives the names of the authors together with brief summaries of the papers. [JPRS: 36,592]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

92

0076

1821

DEMIRI, Mustafa; MITRUSHI, Il'ya.

Flora and fauna of Albania. Priroda 45 no.8:71-80 Ag '56.
(MLRA 9:9)

(Albania--Botany) (Albania--Zoology)

DEMIRI, M.

"Effect of burning on the spontaneous plants, especially on fodder plants, shrubs, and wastelands for winter grazing"

Buletin. Seria Shkencat Natyrore. Tirane, Albania. Vol 11, no. 1, 1957

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

SURIN, I., dr.; DEMIRIAN, H., dr.

Value of some methods of exploration in a case of cardiac aneurysm. Med. Intern. (Bucur.) 16 no.10:1260-1273 0 '64

1. lucrare de doctorat în Clinica medicală a Spitalului "Dr. S. Davila" (director conf. S. Ciompușu).

RUMANIA

ANDRONESCU, M., MD; ARESTEANU, L., MD; BULIGESCU, L., MD; COLIȚA, D., MD;
DEMIRIAN, N., MD; IONESCU, Gonoveva, MD; IONIȚA, G., MD; MARINESCU,
N., MD; MOLDOVAN, T., MD; PAUNESCU, C., Lecturer; SEROPIAN, E., MD;
STIGLET, C., MD; SUCIU, D., MD; VASILESCU, G., MD.

Medical Clinic of the "Carol Davila" Hospital" (Clinica medicala
a Spitalului "Carol Davila") - (for all)

Bucharest, Viata Medicala, No 3, 1 Feb 64, pp 167-181

"Data Concerning Dispensary Supervision and Treatment of Epidemic
Hepatitis in a Section of the town of Bucharest."

(14)